

SATYRIDS

Euptychia hesione Sulz.*Euptychia hermes* F.

LYCAENIDS

Thecla hemon Cr.*Thecla meton* Cr.*Thecla linus* F.*Thecla basilides* Geyer*Thecla orchidia* Hew.*Thecla philinna* Hew.*Thecla nubes* Druce*Leptotes cassius* Cr.

RIODINIDS

Calephelis nilus laverna Gdmn.
& Salvn.*Nymphidium onaeum* Hew.*Nymphidium calyce* F.

HESPERIDS

Staphylus vulgata Kaye*Hesperia syrichtus* F.*Eudamus proteus* L.*Polites otho* Smith*Arotis sirene* Mab.*Milanion hermes* Cr.

I would like to express how indebted I am to Mr. Barcant and also to Mr. G. Tite, of Tring Museum, for naming the majority of the butterflies I took on Trinidad, as well as to Mr. D. S. Fletcher, Mr. A. Hayes and Mr. T. G. Howarth of the Entomological Department of the British Museum (Natural History), for their help in the identification of a number of species enumerated above.

Breconshire and Monmouthshire Entomology

By J. M. CHALMERS-HUNT

INTRODUCTION

As much of Breconshire is *terra incognita* to the Lepidopterist, I decided to investigate this year a few of its unexplored areas, and on May 25 arrived by car at Crickhowell, prepared for a fortnight's entomologising. The weather was particularly favourable during my stay, and daytime excursions into remote parts of this picturesque corner of the Principality afforded me much interest and enjoyment, as did a number of visits to localities in the ancient forest terrain of east Monmouthshire, so renowned for its entomological richness.

I undertook no night expeditions, but my friend Mr. J. P. Sankey-Barker of Llangattock, most kindly invited me to run an m.v. trap on the lawn of his beautiful garden. The nights were propitious, and among the more notable species to occur in the trap were *Harpyia bicuspis* (Borkh.), *Acronycta alni* (L.) (a melanic form), *A. menyanthidis* (Esp.), and *Laconobia biren* (Goeze)=*glauca* (Hübner)—the last two occurring here apparently at about the most southerly edge of their range.

There is no published account of the butterflies and moths of Breconshire, but I have a MS. list of its Lepidoptera containing so far as I am aware every known record. I have therefore indicated with an asterisk as probably new to the county, any species noted by me during my travels which was not included in that list. I should add that besides Lepidoptera, it is my custom when working relatively neglected areas to take *en passant* representatives of other insect orders, and a list of some of these is appended.

The following is a note of the localities visited from which insects were recorded. *Breconshire*: Beulah, boggy marshland, 1.6; Brecon, flowery waysides, 27.5; Builth Wells, wood, 6.6; Craig-y-Cilau Nature

Reserve, bog on carboniferous limestone outcrop, 4.6; Crickhowell, 25.5-6.6; Ffrwdgrech, mixed woodland, 27.5; Glangrwyney, waysides, 5.6; Valley of the Irfon, near Abergwesyn, 1.6; Llanbedr, 26.5; Llangattock, 26.5-5.6; Llangorse, lakeside marsh and carr, 30.5; Llangynidr, woods, canalside vegetation, 29.5; Llyswn, wood, 6.6; Mynydd Illtyd near Penpont, marshy fields and moorland, 4.6; Mynydd Llangattock, carboniferous limestone crags and rocky hillsides, 26, 29.5; Hermitage, Black Mountains, 3.6; Pontneathvaughan, 28.5; Senny Bridge, 4.6; Talybont, mixed woodland, adjacent rough grasslands, 3.6; Ty-mawr near Ystradfellte, boggy moorland, 28.5; Upper Chapel, marshy field, 1.6; Ystradfellte, cliffs and rocky places by the river Mellt, 28.5. *Monmouthshire*: Coed-y-Bwynydd near Bettws Newydd, National Trust wood, 5.6; Deri-fach near Abergavenny, hillside oak standards with bilberry undergrowth, carr, 2.6; Redding's Inclosure near Monmouth, mixed deciduous forest, 31.5; Tintern, woodland and adjoining marshy fields, 31.5; Usk, woodland, hedgerows and alder carr, 5.6.

The nomenclature and classification adopted is that of the Lepidoptera portion of the New Edition of Kloet and Hincks, "Check-List of British Insects", to be published shortly. My best thanks are due to Messrs J. D. Bradley, D. S. Fletcher and P. E. S. Whalley, of the Department of Entomology, British Museum, for their kindness in making available to me the typescript of this excellent list, and for permission to follow their work here prior to its publication.

Finally, I must thank the following specialists for kindly undertaking a number of determinations:—Mr. A. A. Allen, Mr. J. D. Bradley, Mr. B. H. Cogan, Mr. A. M. Hutson, Mr. D. E. Kimmins, Mr. G. E. J. Nixon, Dr. J. F. Perkins, Mr. A. C. Pont, Mr. T. Quinlan, Dr. F. Rose, Mr. M. Shaffer, Mr. K. G. V. Smith, Mr. R. W. Uffen, and Dr. I. H. H. Yarrow.

LEPIDOPTERA

MICROPTERIGOIDEA

**Micropterix thunbergella* (F.), Llangynidr. *M. aruncella* (Scop.), Tintern. *M. calthella* (L.), Ffrwdgrech, on *Stellaria holostea* blossoms; Llyswn, on *Ranunculus* blossoms.

ERIOCRANIOIDEA

Dyseriocrania subpurpurella (Haw.), Ffrwdgrech.

HEPIALOIDEA

Hepialus (*Korscheltellus*) *lupulina* (L.), Llangattock.

NEPTICULIDOIDEA

Nepticula aurella (F.), larval mines on *Rubus*, Redding's Inclosure and Derifach. **Tischeria marginea* (Haw.), Llangattock.

INCURVARIOIDEA

**Nematopogon panzerella* (F.)=*schwarziellus* (Z.), Llangynidr; Talybont; Coed-y-Bwynydd; Deri-fach. *Nemophora degeerella* (L.), Coed-y-Bwynydd. *Adela reaumurella* (L.)=*viridella* (Scop), Talybont, swarming over oak; Tintern; Redding's Inclosure; Deri-fach. **A. rufimitrella* (Scop.), Upper Chapel, plentiful, flying about in the sunshine and settling on *Cardamine amara*; Mynydd Illtyd, one.

ZYGAENOIDEA

Zygaena (*Zygaena*) *trifolii* (Esp.) ssp. *palustrella* Verity, Tintern.

TINEOIDEA

**Psychoides verhuella* Bruand=*verhuellella* Staint., Ystradfellte, larvae

on fructification of *Scolopendrium vulgare*. *Nemapogon cloucella* (Haw.) (det. J. D. Bradley), Tintern; Hermitage. *Tinea (Acedes) trinotella* Thunb.=*lappella* sens. auct., Tintern. **Leucoptera sparti-foliella* (Hübner), Crickhowell, larva mining *Cytisus scoparius*. **Caloptilia (Caloptilia) betulicola* (Hering), Talybont. C. (*Graecillaria*) *syringella* (F.), Tintern. **Phyllonorycter messaniella* (Z.), Llangynidr, reared from *Quercus ilex*.

YPONOMEUTOIDEA

Anthophila fabriciana (L.) Ystradfellte; Pontneathvaughan; Talybont; Senny Bridge; Builth Wells; Tintern; Deri-fach. **Glyphipterix cramerella* (F.)=*fischeriella* (Z.), Ffrwdgrech; Llyswen; Redding's Inclosure; Tintern; Coed-y-Bwynydd. *G. fuscoviridella* (Haw.), Llangynidr; Talybont; Redding's Inclosure; Tintern. **Argyresthia (Argyresthia) pygmaeella* (Hübner), Pontneathvaughan, larva on willow, reared. **A. (A.) conjugella* Z., Talybont, several imagines beaten from *Pyrus aucuparia*. *Yponomeuta evonymella* (L.), Ffrwdgrech, larval nest on *Prunus padus*. *Y. plumbella* (D. & S.), Usk, numerous larval webs on spindle, reared. **Swammerdamia pyrella* (Vill.) (det. J. D. Bradley), Beulah. *Plutella (Plutella) xylostella* (L.)=*maculipennis* (Curt.), Llangattock. **Schreckensteinia festaliella* (Hübner), Talybont, three beaten from low cover.

GELECHIOIDEA

**Metriotes lutarea* (Haw.)=*modestella* (Dup.), Ffrwdgrech, imago on *Stellaria holostea* bloom. **Coleophora nigricella* (Steph.), Llanbedr, case on alder. **C. laricella* Hübner, Talybont, case on larch. **C. murinipennella* Dup. (gen. det. R. W. Uffen), Talybont; Hermitage. *C. sylvaticella* Wood, Tintern, imagines disturbed from *Luzula sylvatica*. **C. alticolella* Z. (gen. det. R. W. Uffen), Beulah, several. *Elachista argentella* (Clerck), Tintern. **E. subalbidella* Schläger Beulah, one. *E. rufocinerea* (Haw.), Talybont. *Endrosis sarcitrella* (L.), Llangattock. *Esperia sulphurella* (F.), Llangynidr; Coed-y-Bwynydd; Tintern. *Alabonia geoffrella* (L.), Tintern. **Agonopterix propinquella* (Treits.), Llangattock, one, in m.v. trap, 28.5. *A. arenella* (D. & S.), Llangattock, one in m.v. trap, 2.6. **A. hyperiella* Bradley=*hypericella* sens. auct., Builth Wells, larvae on *Hypericum perforatum*, reared. **Bryotropha (Bryotropha) terella* (D. & S.), Llangattock. *Neofaculta ericetella* (Hübner), Craig-y-Cilau; Hermitage. *Mompha epilobiella* (Roemer), Ffrwdgrech, one.

TORTRICOIDEA

**Cydia (Cydia) succedana* (D. & S.), Upper Chapel. *C. (*Grapholita*) *jungiella* (Clerck)=*perlepidana* (Haw.), Ffrwdgrech; Tintern. **Pam-mene splendidulana* (Guen.) (det. J. D. Bradley), Pontneathvaughan, one flying in afternoon sun. **P. populana* (F.), Crickhowell, larva on *Salix caprea*, reared. **Lathronympha strigana* (F.)=*hypericana* (Hübner), Builth Wells, larva on *Hypericum perforatum*, reared. *Epiblema (Epiblema) scutulana* (D. & S.) (det. J. D. Bradley), Llangattock; Talybont. **E. (Notocelia) uddmanniana* (L.), Crickhowell and Redding's Inclosure, larvae on *Rubus*. **Epinotia (Epinotia) sordidana* (Hübner), Llanbedr and Usk, larvae on alder. **E. (Hamuligera) trimaculana* (Don.), Senny Bridge, larva on wych elm, reared. **E. (Evetria) immundana* (F. v. R.) (det. J. D. Bradley), Llangynidr. **E. (E.) tedella* (Clerck), Talybont, imagines beaten from spruce in

swarms; Llangattock. **E. (E.) signatana* (Dougl.), Ffrwdgrech, larva on *Prunus padus*, reared. **Ancylis (Ancylis) unguicella* (L.), Pontneathvaughan. *A. (Anchylopera) badiana* (D. & S.)=*lundana* (F.), Tintern. *A. (A.) myrtillana* (Treits.), Deri-fach, larvae on bilberry, reared. *Bactra lancealana* (Hübner), Ponneathvaughan; Llangorse; Upper Chapel; Mynydd Illtyd; Tintern. *Endothenia marginana* (Haw.) (det. J. D. Bradley), Tintern. *Hedya pruniana* (Hübner), Llanbedr, larva on sloe, reared. **H. nubiferana* (Haw.)=*variegana* (Hübner), Llanbedr, larvae on hawthorn, reared. *Olethreutes (Argyroprocte) lacunana* (D. & S.), Crickhowell, larva on *Chamaenerion angustifolium*. *Pandemis cerasana* (Hübner), Deri-fach, larva on oak, reared. *Archips (Archippus) podana* Scop., Deri-fach, larva on oak, reared. **A. (Archips) xylosteanus* (L.) det. J. D. Bradley, Crickhowell, larva on *Salix caprea*, reared. **Syndemis musculana* (Hübner) Irfon Valley; Talybont; Mynydd Illtyd; Deri-fach, flying in numbers over alders; Pontneathvaughan; Coed-y-Bwynydd. **Clepsis (Clepsis) senecionana* (Hübner) (det. J. D. Bradley), Irfon Valley, ♂; Talybont, ♀. *Ptycholoma lecheana* (L.), Llanbedr, larva on rose, reared. **Capua favillaceana* (Hübner), Talybont; Tintern; Redding's Inclosure; Deri-fach. **Ditula angustiorana* (Haw.), Llanbedr, larva on rose, reared. *Eulia ministrana* (L.) Llangynidr; Coed-y-Bwynydd. *Cnephasia interjectana* (Haw.), Glangrwyney, larva on *Aconitum*, reared; Builth Wells, larva on dock, reared. **Croesia bergmanniana* (L.), Senny Bridge and Llanbedr, larvae on rose, reared. **Acleris rhombana* (D. & S.)=*contaminana* (Hübner), Ffrwdgrech, larvae on *Prunus padus*, reared; Llanbedr, larvae on hawthorn, reared; Crickhowell district, larva on *Sorbus minima*, reared. *Hysterophora maculosana* (Haw.), Redding's Inclosure. **Falseuncaria ruficiliana* (Haw.), Pontneathvaughan.

PYRALOIDEA

**Crambus nemorella* (Hübner)=*pratellus* sens. auct., Irfon Valley; Talybont; Craig-y-Cilau; Tintern. *Scoparia ambigualis* (Treits.) (det. M. Shaffer), Pontneathvaughan. **Eudoria angustea* Curt. (det. M. Shaffer), Llangattock, 3.6. *Evergestis forficalis* (L.), Llangattock. **Eurrhynx hortulata* (L.)=*urticata* (L.), Crickhowell; Llangattock. *Pleuroptya ruralis* (Scop.), Crickhowell and Redding's Inclosure, larvae on *Urtica dioica*.

HESPEROIDEA

Errynis tages L., Tintern.

PAPILIONOIDEA

Gonepteryx rhamni L., Tintern. *Pieris brassicae* L., Talybont; Redding's Inclosure. *P. napi* L., Ffrwdgrech. *P. napi* L. ssp. *britannica* Verity, Ffrwdgrech; Upper Chapel; Talybont; Brecon; Mynydd Illtyd; Redding's Inclosure. *Anthocharis cardamines* L. ssp. *britannica* Verity, Llangattock; Brecon; Upper Chapel; Ffrwdgrech; Llangorse; Builth Wells; Redding's Inclosure. *Lycaena phlaeas* L. ssp. *eleus* F., Talybont. *Polyommatus icarus* Rott., Tintern. *Celastrina argiolus* L. ssp. *britannica* Verity, Llangynidr. *Nymphalis io* L., Redding's Inclosure. *Boloria (Clossiana) euphrosyne* L., Tintern. *Euphydryas aurinea* Rott., Tintern, extremely abundant in one marshy field, at one point it being possible to count a score on the wing or at rest without moving one's position. *Pararge aegeria* L. ssp. *egerides* Staud., Ffrwdgrech; Talybont; Redding's Inclosure. *Dira megera* L.,

Talybont. *Coenonympha pamphilus* L., Talybont.

GEOMETROIDEA

Cilix glaucata Scop., Llangattock. *Ochropacha duplaris* (L.), Llandynidr. *Cyclophora linearia* Hübn., Redding's Inclosure. **Scopula floslactata* Haw., Talybont; Deri-fach. *Xanthorhoe designata* Hufn., Upper Chapel; Mynydd Llangattock; Llangorse; Llangattock; Talybont. *X. spadicearia* D. & S.=*ferrugata* sensu Haw., Llangattock; Talybont; Tintern; Redding's Inclosure. *X. ferrugata* Clerck=*unidentaria* Haw., Llangattock. *X. montanata* D. & S., Llangattock; Talybont; Llanbedr; Coed-y-Bwynydd. *X. fluctuata* L., Crickhowell; Llangattock. *Scotopteryx mucronata* Scop. ssp. *umbrifera* Heydemann, Redding's Inclosure. *Epirrhoe tristata* L., Talybont, flying plentifully in afternoon sun in the rough open ground adjoining a conifer plantation at an altitude of about 900 ft. *E. alternata* Müll., Talybont. *Lampropteryx suffumata* D. & S., Mynydd Llangattock, two, 29.5. *Ecliptopera silaceata* D. & S., Llangattock; Llangynidr; Hermitage; Tintern. **Chloroclysta truncata* Hufn., Llangattock. **Thera obeliscata* Hübn., Llangattock; Talybont; Redding's Inclosure. *T. variata* D. & S., Redding's Inclosure. *Electrophaes corylata* Thunb., Llangynidr; Llangattock. *Colostygia pectinataria* Knoch, Craig-y-Cilau. **Hydriomena impluviata* D. & S., Llangattock, two, both melanic form. *Operophtera brumata* L., Senny Bridge, larvae on hazel, sloe, rose; Tintern, larvae on apple. *Perizoma flavofasciata* Thunb., Llangattock. **Eupithecia pulchellata* Steph., Llangattock. *E. vulgata* Haw., Llangattock; Deri-fach. *E. tripunctaria* H.-S.=*albipunctata* Haw. non Hufn., Llangattock. *E. subfuscata* Haw.=*castigata* Hübn., Talybont. *E. abbreviata* Steph., Llangattock, both type and a melanic form. *E. lariciata* Freyer, Llangynidr; Llangattock. **E. tantillaria* Boisd., Talybont; Llangattock; Llangynidr; Redding's Inclosure. *Aplocera plagiata* L., Talybont. *Asthena albulata* Hufn.=*candidata* D. & S., Talybont, three disturbed from hazel. *Hydrelia flammeolaria* Hufn., Llangattock, one, 30.5. *Minoa murinata* Scop., Redding's Inclosure; Tintern. *Cepphis advenaria* Hübn., Tintern. **Lobophora halterata* Hufn., Llangattock, 30.5. *Petrophora chlorosata* Scop., Pontneathvaughan; Upper Chapel; Llangattock; Tintern; Deri-fach. *Plagodis pulveraria* (L.), Llangynidr; Llangattock. **P. dolabraria* (L.), Llangattock, 30.5. *Opisthograptis luteolata* L., Ffrwdgrech; Llangattock. *Pseudopanthera macularia* L., Tintern. *Apeira syringaria* (L.), Llangorse, larva on *Lonicera periclymenum*. *Odontopera bidentata* (Clerck), Llangattock. *Biston betularia* L., ♂, type, Llangattock. *Erannis defoliaria* Clerck, Deri-fach, larvae abundant on oak, also on hawthorn; Crickhowell district, larva on *Sorbus minima*; Tintern, larva on apple; Pontneathvaughan, larva on willow. *Menophra abruptaria* Thunb., Llangattock. **Aethalura punctulata* D. & S., Llangattock. *Ematurga atomaria* L., Ty-mawr; Talybont. **Bupalus piniaria* L., Talybont. *Cabera pusaria* L., Talybont; Craig-y-Cilau. *C. exanthemata* Scop., Llangynidr; Llangattock.

BOMBYCOIDEA

Saturnia pavonia (L.), Ty-mawr. *Laothoe populi* L., Llangattock. *Deilephila elpenor* L., Llangattock.

NOTODONTOIDEA

**Harpyia bicuspis* (Borkh.), Llangattock, two, 2.6. *Eligmodonta ziczac* (L.), Llangattock. *Pheosia gnoma* (Fabr.)=*dictaeoides* (Esp.) Llangattock, 28.5. *P. tremula* (Clerck)=*dictaea* (L.), Llangattock, 2.6. *Pterostoma palpina* (Clerck), Llangattock, 6.6.

NOCTUOIDEA

Dasychira pudibunda L., Llangattock. *Euproctis similis* Fuessly, Glangrwyney, larva. *Spilosoma lubricipeda* L.=*menthastri* D. & S., Llangattock. *Diaphora mendica* Clerck, Llangattock, ♂, 30.5. *Nola confusalis* H.-S., Llangattock, three. *Agrotis exclamationis* (L.), Llangattock. *A. epsilon* (Hufn.), Llangattock, 29.5, one only. **A. puta* Hübn., Llangattock, 28.5. *Axylea putris* L., Llangattock. *Ochropleura plecta* (L.), Llangattock; Tintern. *Diarsia rubi* (View.), Llangattock, 29.5. *Amathes* (*Amathes*) *c-nigrum* (L.), Llangattock. *Cerastis rubricosa* (D. & S.), Llangattock, one, 30.5, a very dark form. *Hada nana* (Hufn.)=*dentina* (D. & S.), Llangattock, one, 4.6, a yellowish-grey form. *Lacanobia thalassina* Hufn., Llangattock, 2.6. *L. genistae* Borkh., Llangattock, 30.5, 4.6. *L. oleracea* L., Llangattock. **L. biren* (Goeze)=*glaucia* (Hübn.) Llangattock, 30.5, 2.6. *Ceramica pisi* (L.), Llangattock. *Orthosia gothica* (L.), Llangattock. *Mythimnia* (*Leucania*) *comma* (L.), Llangattock. *Agrochola lota* Clerck, Crickhowell, larvae on willow, bred. *Acronicta* (*Triaena*) *alni* (L.), one, 30.5, one, 2.6, both approximating to *ab. carola* Philipps, but not quite so extremely melanic as some that I have from Sheffield. *A. (T.) psi* (L.), Llangattock. **A. (Phaenicia) menyanthidis* (Esp.), Llangattock, 6.6. *A. (P.) rumicis* (L.), Llangattock. *Euplexia lucipara* (L.), Llangattock. *Apamea crenata* (Hufn.), Llangattock. **A. sordens* (Hufn.)=*basilinea* (D. & S.), Llangattock, 29.5. **Oligia latruncula* (D. & S.), Llangattock. *Charanyca trigrammica* (Hufn.), Llangattock. *Panemeria tenebrata* (Scop.), Tintern. *Colocasia coryli* (L.), Llangattock, 30.5. *Autographa gamma* Hübn., Llangattock; Talybont; Tintern. *A. pulchrina* Haw., Llangattock. *Abrostola triplasia* (L.)=*tripartita* (Hufn.)=*urticae* (Hübn.) ("Light Spectacle"), Llangattock. *Callistege mi* (Clerck), Talybont. *Euclidia glyphica* (L.), Tintern. *Phytometra viridaria* (Clerck), Talybont; Tintern.

COLEOPTERA

Llangynidr: *Sinodendron cylindricum* L.; *Denticollis linearis* L. Talybont: *Geotrupes stercorarius* L.; *Cytilus sericeus* Forst.; *Lathrobium fulvipenne* Grav.; *Cantharis decipiens* Baudi (= *Metacantharis clypeata* auct. part.). Brecon: *Philonthus fuscipennis* Mann. Ystradfellte: *Cantharis decipiens* Baudi; *Chrysolina polita* L., *Lochmaea capreae* L.; *Dorytomus taeniatus* F. Llangorse: *Rhagium bifasciatum* L.; *Agonum thoreyi* Dej.; *Chrysolina polita* L. Ffrwdgrech: *Agriotes pallidulus* Ill.; *Helodes minuta* L.; *Pyrochroa serraticornis* Scop.; *Lema lichenis* Voet. Upper Chapel: *Athous haemorrhoidalis* F.; *Rhagium bifasciatum* L. Irfon Valley: *Dalopius marginatus* L. Glangrwyney: *Pyrochroa serraticornis* Scop. Llangattock: *Necrodes littoralis* L., two in m.v. trap. Redding's Inclosure: *Cantharis pellucida* F. Tintern: *Melandrya caraboides* L. Deri-fach: *Anisotoma humeralis* F., about 30 examples under a white fungus attached

to a growing alder trunk. Coed-y-Bwynydd: *Anaspis frontalis* L.
All det. A. A. Allen.

HEMIPTERA-HETEROPTERA

Stenodema calcaratum Fall. (det. A. A. Allen), Ffrwdgrech. *Dryophilocoris flavoquadrимaculatus* Deg. (det. A. A. Allen), Usk.

TRICHOPTERA

Rhadicoleptus alpestris (Kol.), 1 ♀, Pontneathvaughan. *Limnephilus extricatus* (McL.), 1 ♀, Pontneathvaughan. *Agapetus ochripes* (Curt.), 1 ♂, Llangattock. *Polycentropus* sp., ♀, Pontneathvaughan. *Rhyacophila dorsalis* (Curt.) 1 ♂, Tintern. All det. D. E. Kimmins.

PLECOPTERA

Protonemura meyeri (Pict.) (det. D. E. Kimmins), 1 ♀, Pontneathvaughan. *Isoperla grammatica* (Scop.) (det. D. E. Kimmins), 1 ♀, Ffrwdgrech. *Leuctra* sp., 1 ♀, Ffrwdgrech.

NEUROPTERA

Micromus paganus (L.) (det. D. E. Kimmins), 1 ♀, Llangynidr. *Osmylus fulvicephalus* (Scop.) (det. D. E. Kimmins), 1, Tintern.

MECOPTERA

Panorpa germanica (L.) det. D. E. Kimmins), 1 ♂, Senny Bridge.

EPHEMOTERA

Ephemera danica (Mull.), 1 ♀ sub., Mynydd Illtyd; 1 ♂, 1 ♀ sub., Tintern. *Ecdyonurus torrentis* Kim., 2 ♂♂, Mynydd Illtyd. *Rhithrogena semicolorata* (Curt.) 1 ♂, Ffrwdgrech. All det. D. E. Kimmins.

ODONATA

Calopteryx virgo (L.), 1 ♂, Builth Wells. *Pyrrhosoma nymphula* (Sulzer), 1 ♂, Upper Chapel. *Coenagrion pulchellum* (V. d. L.), Llangorse, extremely abundant. 1 ♂, 2 ♀♀ taken; Mynydd Illtyd, 1 ♀. All det. D. E. Kimmins.

DIPTERA

SYRPHIDAE

Ringia campestris Mg., Upper Chapel; Llangorse; Ffrwdgrech. *Helophilus lunulatus* Mg. Llangorse. *Bacha obscuripennis* Mg. Senny Bridge. *Melanostoma scalare* F., Ffrwdgrech. *Cheilosia variabilis* Pzer. (det. K. G. V. Smith), Builth Wells. *C. albitarsus* Mg., Upper Chapel. *Pyrophaena granditarsa* Forst., Builth Wells. *Volucella bombylans* L. Llangynidr. *Eristalis horticola* Deg., Llangynidra. *Leucozona lucorum* L., Coed-y-Bwynydd. All det. K. G. V. Smith.

EMPIDIDAE

Empis tessellata F., Ffrwdgrech; Builth Wells. *Rhamphomyia stigmosa* Mcqut., Irfon Valley. *R. (Lundstroemiella) hybotina* Zett., Ffrwdgrech. All det. K. G. V. Smith.

TIPULIDAE

Limnophila (Limnophila) punctata Schrank, Beulah; Llangorse. *Lipsothrix remota* Walker, Ystradfellte. Both det. A. M. Hutson.

PSYCHODIDAE

?*Psychoda* sp. (det. A. M. Hutson), Llangorse.

SCIOMYZIDAE

Knutsonia albiseta Scop., ♂, Llangorse. *Sepedon spinipes spinipes* Scop., ♀, Llangorse. Both det. B. H. Cogan.

CHIRONOMIDAE

Chironomus (*Chironomus*) *plumosus* L. (det. A. M. Hutson), Llangorse.

STRATIOMYIIDAE

Microchrysa polita L. (det. K. G. V. Smith), Senny Bridge.

SCATOPHAGIDAE

Scatophaga merdaria F. (det. A. C. Pont), ♂, Redding's Inclosure.

RHAGIONIDAE

Atherix ibis F. (det. K. G. V. Smith), Builth Wells.

SEPSIDAE

Nemopoda nitidula Fall. (det. A. C. Pont), Ystradfellte.

BIBIONIDAE

Bibio pomonae F. (det. A. M. Hutson), Ffrwdgrech.

PTYPHOPTERIDAE

Ptyphoptera contaminata L. (det. A. M. Hutson), Llangorse.

MUSCIDAE

Phaonia signata Mg. (det. A. C. Pont), ♀, Coed-y-Bwynydd.

ANTHOMYIIDAE

Hylemya strenua Desv. (det. A. C. Pont), ♂, Coed-y-Bwynydd, ♂, Ffrwdgrech.

HYMENOPTERA

Bombys lapidarius L., Talybont. *B. agrorum* F., Ffrwdgrech. *B. lucorum* L., Mynydd Llangattock, 26.5. *Psithyrus sylvestris* Lep., Ffrwdgrech. *P. bohemicus* Seidl., Talybont. *Formica fusca* L., Senny Bridge. *F. rufa* L., Deri-fach. *Lasius niger* L., Crickhowell. All det. I. H. H. Yarrow.

Selandria serva (F.) (det. J. Quinlan), ♂, Llangorse. *Dolerus aeneus* Htg. (det. J. Quinlan), ♂, Ystradfellte. *Dolerus* sp. (det. J. Quinlan), ♂, Llangynidr. *Eubadizon extensor* L. (det. G. E. J. Nixon), Llanbedr, bred ex larva of *Acleris rhombana* (D. & S.) (Lep. Torticoidea). *Mesoleius* sp. (det. J. F. Perkins), ♂, Ffrwdgrech.

St. Teresa, Hardcourts Close, West Wickham, Kent.
November 17th, 1968.

LATE APPEARANCE OF PHEOSIA GNOMA FABR. AND BLASTOBASIS DECOLORELLA WOLL.—Whilst inspecting my M.V. trap on the evening of 27th November 1968, I was surprised to see a perfect specimen of *P. gnoma* sitting on the wall nearby. Specimens of the first and second broods were quite frequent in the trap, so there was presumably a partial third brood.

A few days later, I found a fresh specimen of *B. decolorella* in the trap. This species is quite frequent along this stretch of the East coast. In 1967 a fresh specimen appeared towards the end of December. I mentioned this to Mr. S. Wakely, who suggested that this might have been a third brood. Could it be that this species has a regular partial third brood?—H. E. CHIPPERFIELD, The Shielling, Walberswick, Suffolk. 29.xii.1968.